

ABSTRACT

Disclosed are an apparatus and method for controlling vehicle brake using the brain waves. A driver controls the brake using the characteristic of the brain waves appearing before the driver's movement in the course of stepping on the brake pedal for braking in a dangerous condition. Therefore, the brake can be operated faster, and a condition where the brake is operated in an unwanted situation is prevented to prevent a traffic accident in advance. Further, the present invention does not require a driver's specific intentional behavior or psychological action except for natural behavior for braking (behavior to step on the brake pedal). Accordingly, the present invention makes a user convenient and is suitable for an ordinary person.